



The CENTRE for EDUCATION
in MATHEMATICS and COMPUTING

Le CENTRE d'ÉDUCATION
en MATHÉMATIQUES et en INFORMATIQUE

www.cemc.uwaterloo.ca

2017

Results

2017

Résultats

Euclid Contest

Concours Euclide



UNIVERSITY OF
WATERLOO

**Centre for Education in Mathematics and Computing Faculty and Staff /
Personnel du Centre d'éducation en mathématiques et informatique**

Ed Anderson	Sandy Graham
Jeff Anderson	Conrad Hewitt
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Shane Bauman	Judith Koeller
Carmen Bruni	Bev Marshman
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Serge D'Alessio	Brian Moffat
Janine Dietrich	Dean Murray
Jennifer Doucet	Jen Nelson
Fiona Dunbar	J.P. Pretti
Mike Eden	Kim Schnarr
Barry Ferguson	Carolyn Sedore
Judy Fox	Kevin Shonk
Steve Furino	Ian VanderBurgh
Rob Gleeson	Troy Vasiga
John Galbraith	Christine Vender
Alain Gamache	Heather Vo
Robert Garbary	Ashley Webster

Problems Committee / Comité des problèmes

Fiona Dunbar (Chair / présidente), University of Waterloo, Waterloo, ON
Mike Aben, Lakefield College School, Lakefield, ON
Kathir Brabaharan, Scarborough, ON
Adam Brown, University of Toronto Schools, Toronto, ON
Steve Brown, University of Waterloo, Waterloo, ON
Serge D'Alessio, University of Waterloo, Waterloo, ON
Charlotte Danard, Toronto, ON
Garry Kiziak, Burlington, ON
Darren Luoma, Bear Creek S.S., Barrie, ON
Alex Pintilie, Crescent School, Toronto, ON
David Pritchard, Los Angeles, CA
Peter Wood, University of Waterloo, Waterloo, ON

Overall Comments

Congratulations to all of the participants in the 2017 Euclid Contest. The average score in 2017 was 51.0. We were very pleased that almost all students achieved some success on the early parts of the paper. At the same time, the later parts of these problems managed to challenge the top students even more than last year's problems. Special congratulations go to the 52 official contestants who achieved scores of 90 and higher this year.

We at the Centre for Education in Mathematics and Computing believe strongly that it is very important for students to both learn to solve mathematics problems and learn to write good solutions to these problems. Many students do a reasonable job of writing solutions, while others still include no explanation whatsoever.

Special thanks go to the Euclid Committee that annually sets the Contest problems and manages to achieve a very difficult balancing act of providing both accessible and challenging problems on the same paper.

To the students who wrote, the parents who supported them, and the teachers who helped them along the way, thank you for your continuing participation and support. We hope that you enjoyed the Contest and relished the challenges that it provided. We hope that mathematics contests continue to feed your love for and interest in mathematics.

Specific Comments

1. Average: 9.2

This question was very well done. A common error in part (c) was an incorrect conversion of the 600 Euros back into dollars.

2. Average: 8.9

This question was very well done.

3. Average: 7.8

Part (a) was done well. Part (b) was fairly well done. An elegant solution written by a few students involves the separation of the three rectangles to get a total perimeter of 63 cm. The students then observed that, since RS is one rectangle length, it covers 2 lengths of perimeter. Similarly WV is one rectangle width, and so it covers 2 widths of perimeter. Thus, the total perimeter is $63 \text{ cm} - 21 \text{ cm} = 42 \text{ cm}$. Part (c) was fairly well done. Some students incorrectly drew the wrong pyramid or prism, instead of a rectangular prism.

4. Average: 6.5

Part (a) was fairly well done. Often, we saw careless errors made when the value of k was being determined. Part (b) was well done. A variety of good solutions were written. Using trial and error to get the possible values of the fifth term did not receive full marks.

5. Average: 6.1

Part (a) was fairly well done. Some students were able to find the years of birth but could not go further. Students presented many different correct solutions to part (b). Some students did not recognize that there were four possible solutions and instead gave only some of the possible values of k .

6. Average: 5.0

Part (a) was fairly well done. Many students dropped perpendiculars and were able to find distances to the horizontal from A and B . In part (b), students were able, for the most part, to convert the given equation to one involving only one trigonometric function. Many students failed to eliminate the inadmissible answer. Some students solved for the angle, which was unnecessary.

7. Average: 4.0

Part (a) was quite hard to get a handle on and was not done well. Drawing a diagram showing the relative

positions of the car and the trains at various points in time was a good first step. In part (b), many students made errors in using properties of logarithms or in squaring both sides of the equation involving square roots. These errors made it very difficult to proceed.

8. Average: 1.9

Many different approaches were taken to solve part (a). Most correct solutions contained an extension of the diagram, but many just worked with the given picture. Every student that made good progress made use of at least one circle theorem (typically involving the two tangents to the circle). Markers were pleased to see nearly all such results appear on at least a few papers. In part (b), most students that were able to visualize the solid as a sum or difference of prisms and pyramids made some progress on this question. The most common approaches were to decompose the solid into a triangular prism (half of a cube) and a rectangular based pyramid, or to view the solid as a portion of a cube (extending to a cube and removing appropriate prisms and/or pyramids). The most common mistake in the first approach was calculating the height of the pyramid incorrectly. The most common mistake in the second approach was assuming that the point M lay on an edge of the cube (instead of in the middle of the top face).

9. Average: 1.2

Many students arrived at the correct answer for part (a). These students observed that, for some subset of the 24 permutations, the only possible sums were 2 and 4, with 4 appearing exactly twice as often as 2. The most common deduction of marks was for not explaining why the proportion that they observed also applied to the entire set of permutations. In part (b), many students noted that the answer to the question was the average of the numbers 1 through 7. While this is the correct answer, meaningful work was required to justify this fact. Most correct solutions involved either an argument of “pairing permutations and cancelling terms” or a probability and/or expected value argument. Many of the students that attempted to cancel terms either displayed an incorrect cancellation argument or failed to communicate their method. There were very few complete solutions to part (c).

10. Average: 0.4

While many students got full marks in part (a), the markers saw as many boring sets as exciting sets appearing here. Since it is possible to verify, with a few calculations, that a given set is not exciting, the number of incorrect answers here suggests that many students may have struggled with the definition of an exciting set. Most correct solutions to part (b) used a counting argument (counting the number of distinct sums in an exciting set and the possible range of such sums). A few students attempted a solution using mathematical induction but this problem did not lend itself to such an argument. There were very few complete solutions to part (c).

Please visit our website at cemc.uwaterloo.ca to download the 2017 Euclid Contest, plus full solutions.

Commentaires Généraux

Félicitations à tous les participants du Concours Euclide 2017. La note moyenne était 51,0. Nous avons eu le plaisir de constater que presque tous les élèves ont eu du succès dans les premières questions. De plus, les dernières parties de ces problèmes présentaient un plus grand défi pour les meilleurs étudiants que l'année dernière. Des félicitations spéciales vont aux 52 concurrents officiels qui ont atteint une note supérieure ou égale à 90 sur 100.

Le Centre d'éducation en mathématiques et en informatique croit fortement qu'il est très important pour les étudiant(e)s d'apprendre à résoudre des problèmes de mathématiques ainsi que d'apprendre à écrire de bonnes solutions à ces problèmes. Plusieurs étudiants développent leurs solutions raisonnablement bien, tandis que d'autres n'incluent aucune explication avec leurs réponses.

Un grand merci va au comité du concours Euclide qui rassemble annuellement les problèmes du concours et réussit à accomplir la tâche difficile de concevoir des problèmes accessibles et stimulants sur le même examen.

Un grand merci aux étudiant(e)s qui ont écrit, aux parents qui les ont soutenus et aux enseignant(e)s qui les ont aidés pour votre participation continue et votre soutien. Nous espérons que vous avez apprécié le concours et savouré les défis qu'il a présentés. Nous espérons que les concours de mathématiques continuent à nourrir votre amour et intérêt pour les mathématiques.

Remarques particulières

1. Moyenne: 9,2

Cette question a été très bien réussie. Dans la partie (c), beaucoup d'élèves ont éprouvé de la difficulté à convertir 600 euros en dollars.

2. Moyenne: 8,9

Cette question a été très bien réussie.

3. Moyenne: 7,8

La partie (a) a été bien réussie. La partie (b) a été assez bien réussie. Quelques élèves ont présenté une solution élégante dans laquelle ils ont séparé les trois rectangles qui avaient un périmètre total de 63 cm. Ensuite ils ont indiqué que puisque RS représente la longueur d'un rectangle, il a été compté deux fois dans ce périmètre total. De même, WV représente la hauteur d'un rectangle et il a donc été compté deux fois dans le périmètre total. Le périmètre de la figure est donc égal à $63 \text{ cm} - 21 \text{ cm}$, ou 42 cm. La partie (c) a été assez bien réussie. Certains élèves ont tracé une pyramide ou un prisme à base triangulaire au lieu d'un prisme à base rectangulaire.

4. Moyenne: 6,5

La partie (a) a été assez bien réussie. On a remarqué des erreurs d'inattention dans la détermination de la valeur de k . La partie (b) a été bien réussie. Les élèves ont utilisé une variété de bonnes approches. On n'a pas accordé le maximum de points lorsqu'une approche par tâtonnements a été utilisée pour déterminer les valeurs possibles du cinquième terme.

5. Moyenne: 6,1

La partie (a) a été assez bien réussie. Certains élèves ont déterminé les années de naissance, sans continuer. Les élèves ont utilisé une variété de bonnes approches dans la partie (b). Certains élèves n'ont pas reconnu qu'il y avait quatre réponses possibles et n'ont déterminé qu'une partie des valeurs possibles de k .

6. Moyenne: 5,0

La partie (a) a été assez bien réussie. Bon nombre d'élèves ont abaissé des perpendiculaires à partir de A et de B et déterminé les distances à partir de ces points jusqu'à la droite horizontale. De façon générale, dans la partie (b), les élèves ont réussi à transformer l'équation donnée en une équation ne comportant qu'une

fonction trigonométrique. Certains élèves n'ont pas éliminé les cas inadmissibles. D'autres ont donné les valeurs des angles, ce qui n'était pas nécessaire.

7. Moyenne: 4,0

La partie (a) n'a pas été bien réussie, le problème étant plutôt difficile à saisir. On peut partir du bon pied en traçant un diagramme qui indique les positions relatives de la voiture et des trains à divers moments. Dans la partie (b), bon nombre d'élèves ont commis des erreurs en utilisant les lois des logarithmes ou en élevant au carré les deux membres de la première équation, ce qui ne leur a pas permis de continuer.

8. Moyenne: 1,9

Plusieurs approches ont été utilisées dans la partie (a). La plupart des solutions correctes ont fait appel à un prolongement de la figure donnée, alors que d'autres ont utilisé la figure telle quelle. Les élèves qui ont fait du progrès ont fait appel à au moins un théorème associé aux cercles (par exemple un théorème portant sur les tangentes au cercle). Dans la partie (b), la plupart des élèves qui ont représenté le solide comme la somme ou la différence d'un prisme et d'une pyramide ont pu progresser. Par exemple, on pouvait décomposer le solide en un prisme à base triangulaire (la moitié d'un cube) et d'une pyramide à base rectangulaire, ou imaginer une portion d'un cube (en prolongeant le solide pour en faire un cube) dont on a enlevé des prismes ou des pyramides. L'erreur la plus fréquente, dans la première approche, a été de mal calculer la hauteur de la pyramide. L'erreur la plus fréquente dans la deuxième approche a été de supposer que le point M était situé sur une arête du cube (au lieu du centre de la face supérieure).

9. Moyenne: 1,2

Bon nombre d'élèves ont réussi la partie (a). Ces élèves ont remarqué que pour une partie des 24 permutations, les seules sommes possibles étaient 2 et 4, et que la somme de 4 paraissait deux fois plus souvent que la somme de 2. Pour mériter le maximum de points, il fallait expliquer pourquoi ce rapport était le même pour l'ensemble des permutations. Dans la partie (b), bon nombre d'élèves ont remarqué que la réponse était la moyenne des entiers de 1 à 7. Or, il fallait justifier cette conclusion de façon convaincante. La plupart des solutions correctes devaient faire appel à un appariement de permutations de manière à annuler des termes ou à un argument basé sur la probabilité ou l'espérance mathématique. Beaucoup d'élèves qui ont choisi la première approche ont mal annulé les termes ou n'ont pas présenté un argument valable pour le faire. Peu d'élèves ont présenté une solution complète dans la partie (c).

10. Moyenne: 0,4

Bon nombre d'élèves ont obtenu le maximum de points dans la partie (a), mais un nombre à peu près égal de réponses ont présenté un sous-ensemble ennuyant au lieu d'un sous-ensemble excitant, ce qui porte à croire que la définition n'a pas été bien comprise. Dans la partie (b) la plupart des solutions correctes ont fait appel à une technique de comptage (comptage du nombre de sommes distinctes dans un ensemble excitant et l'étendue possible de ces sommes possibles). Quelques élèves ont tenté de répondre à l'aide du raisonnement par récurrence, mais cette approche ne se prêtait pas à ce problème. Dans la partie (c), on a reçu très peu de solutions complètes.

Veillez visiter notre site Web à cemc.uwaterloo.ca pour télécharger le Concours Euclide 2017, avec solutions complètes.

STUDENTS / ÉLÈVES

Students are listed in alphabetical order. / Les élèves sont nommés en ordre alphabétique.

Plaques	Thomas Guo		North York, ON
	Howard Halim	University of Toronto Schools	Toronto, ON
	Andrew Lin	University Hill S.S.	Vancouver, BC
	Kai Sun	A.B. Lucas S.S.	London, ON
	Rui ming Xiong	Western Canada H.S.	Calgary, AB
	Jason Yuen	Pierre Elliott Trudeau H.S.	Markham, ON

Each plaque winner receives a \$500 cash prize from the Centre for Education in Mathematics and Computing. /

Chaque élève qui reçoit une plaque recevra aussi un prix de 500 \$ du Centre d'éducation en mathématiques et en informatique.

Honourable Mentions / Mentions Honorables	Leo Feng	Vincent Massey S.S.	Windsor, ON
	Dichuan Gao	Appleby College	Oakville, ON
	Anna Krokhine	University of Toronto Schools	Toronto, ON
	George Mo	Bayview S.S.	Richmond Hill, ON
	Victor Rong	Marc Garneau C.I.	North York, ON
	Yingchao Shan	Richmond Hill H.S.	Richmond Hill, ON
	David Tang	University of Toronto Schools	Toronto, ON
	Edgar Wang	College Jean de Brebeuf	Montreal, QC
	Yi Jie Wang	The Woodlands Sec. School	Mississauga, ON
	Yue Weng	Unionville H.S.	Markham, ON
	William Zhao	Richmond Hill H.S.	Richmond Hill, ON
	Daniel Zhou	Centennial Collegiate	Saskatoon, SK
	Sam Zhou		Vancouver, BC

Each student awarded an Honourable Mention receives a \$200 cash prize from the Centre for Education in Mathematics and Computing. /

Chaque élève qui reçoit une mention honorable recevra aussi un prix de 200 \$ du Centre d'éducation en mathématiques et en informatique.

TEAMS / ÉQUIPES

Champion / Première	University of Toronto Schools	Toronto, ON
Second / Deuxième	Western Canada H.S.	Calgary, AB
Third / Troisième	Marc Garneau C.I.	North York, ON
Fourth / Quatrième	Pierre Elliott Trudeau H.S.	Markham, ON
Fifth / Cinquième	Richmond Hill H.S.	Richmond Hill, ON

**Number of schools registered by province /
Nombre d'écoles inscrit par province**

AB	54
BC	187
MB	27
NB	22
NL	19
NS	21
ON	757
PE	3
QC	22
SK	18
International	484
Total	<u>1614</u>

Number of students registered by province / Nombre d'étudiants inscrit par province

AB	514
BC	2500
MB	256
NB	152
NL	97
NS	192
ON	9661
PE	33
QC	266
SK	158
International	7243
Total	<u>21072</u>

Total number of students enrolled / Nombre d'inscriptions individuelles: 21072

Score/ Note	Rank/ Position	Score/ Note	Rank/ Position
100		49	9354
99	1	48	9713
98		47	10052
97	2	46	10409
96	4	45	10791
95	8	44	11155
94	12	43	11483
93	15	42	11799
92	20	41	12163
91	28	40	12469
90	42	39	12766
89	53	38	13076
88	69	37	13388
87	94	36	13702
86	130	35	13987
85	166	34	14291
84	231	33	14543
83	292	32	14794
82	347	31	15063
81	435	30	15306
80	527	29	15485
79	657	28	15688
78	785	27	15846
77	945	26	16030
76	1117	25	16212
75	1265	24	16371
74	1447	23	16520
73	1643	22	16632
72	1859	21	16747
71	2106	20	16845
70	2342	19	16942
69	2603	18	17025
68	2895	17	17078
67	3179	16	17136
66	3487	15	17184
65	3810	14	17232
64	4115	13	17268
63	4445	12	17298
62	4744	11	17327
61	5066	10	17346
60	5405	9	17363
59	5735	8	17378
58	6109	7	17389
57	6480	6	17394
56	6808	5	17403
55	7180	4	17405
54	7572	3	17407
53	7938	2	17410
52	8285	1	17411
51	8638	0	17412
50	8980		

N.B. These rankings pertain to eligible contestants only /

N.B. Ces rangs se rapportent seulement aux concurrents admissibles

2017
Euclid Contest/Concours Euclide
Team Honour Roll/Palmarès d'équipes

Rank/Rang	School/École	City/Ville	Score/Note
1	University of Toronto Schools	Toronto	278
2	Western Canada H.S.	Calgary	273
3	Marc Garneau C.I.	North York	271
4	Pierre Elliott Trudeau H.S.	Markham	270
5	Richmond Hill H.S.	Richmond Hill	269
6	Bayview S.S.	Richmond Hill	268
7	Vincent Massey S.S.	Windsor	263
8	Lord Byng S.S.	Vancouver	259
9	Unionville H.S.	Markham	258
10	Appleby College	Oakville	256
10	Insight Academy of Canada	Scarborough	256
12	The Woodlands Sec. School	Mississauga	254
13	Colonel By S.S.	Gloucester	253
14	A.B. Lucas S.S.	London	252
14	Waterloo C.I.	Waterloo	252
16	Victoria Park C.I.	North York	251
17	Thornhill S.S.	Thornhill	250
17	University Hill S.S.	Vancouver	250
17	Walter Murray C.I.	Saskatoon	250
17	William Lyon Mackenzie C.I.	North York	250
21	Royal Crown Academic School	North York	248
22	Port Moody Sr. S.S.	Port Moody	247
23	College Jean de Brebeuf	Montreal	246
23	Markville S.S.	Markham	246
25	Georges Vanier S.S.	North York	245
25	Sir Winston Churchill S.S.	Vancouver	245
27	Burnaby South S.S.	Burnaby	244
28	Bishop Allen Academy	Etobicoke	243
28	Moscrop S.S.	Burnaby	243
30	Bur Oak S.S.	Markham	242
30	St. George's School	Vancouver	242
32	Centennial C. and V.I.	Guelph	241
32	Sentinel S.S.	West Vancouver	241
34	Albert Campbell C.I.	Scarborough	240
34	Centennial Collegiate	Saskatoon	240
34	Mulgrave School	West Vancouver	240
34	Westdale S.S.	Hamilton	240
38	Langstaff S.S.	Richmond Hill	239
38	R.E. Mountain S.S.	Langley	239
38	Toronto Central Academy	Toronto	239
41	Fraser Heights S.S.	Surrey	238
41	John F. Ross C.V.I.	Guelph	238
41	New Oriental Int'l College	Scarborough	238
41	Pinetree S.S.	Coquitlam	238
45	Lower Canada College	Montreal	237
45	Sir Winston Churchill H.S.	Calgary	237
47	Earl Haig S.S.	North York	236
47	Marianopolis College	Westmount	236
47	Milliken Mills H.S.	Markham	236
47	St. Robert C.H.S.	Thornhill	236

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants

Name/Nom	School/École	Location/Endroit	Grade/Niveau	
Group I/Groupe I				
Scores/Notes 99 - 95				
GUO	THOMAS	North York	9	
HALIM	HOWARD	University of Toronto Schools	Toronto	10
LIN	ANDREW	University Hill S.S.	Vancouver	11
SUN	KAI	A.B. Lucas S.S.	London	11
XIONG	RUI MING	Western Canada H.S.	Calgary	12
YUEN	JASON	Pierre Elliott Trudeau H.S.	Markham	12

Group II/Groupe II				
Scores/Notes 94 - 90				
CHOW	STEVEN	Albert Campbell C.I.	Scarborough	11
DU	TINGDA	Langstaff S.S.	Richmond Hill	12
FENG	LEO	Vincent Massey S.S.	Windsor	12
GAO	DICHUAN	Appleby College	Oakville	11
JIAO	XINYU	Western Canada H.S.	Calgary	12
KANG	RICHARD	Dr. E.P. Scarlett H.S.	Calgary	11
KROKHINE	ANNA	University of Toronto Schools	Toronto	9
MO	GEORGE	Bayview S.S.	Richmond Hill	11
RONG	VICTOR	Marc Garneau C.I.	North York	10
SHAN	YINGCHAO	Richmond Hill H.S.	Richmond Hill	12
SUN	LINYIN	Victoria Park C.I.	North York	12
TANG	DAVID	University of Toronto Schools	Toronto	9
WANG	EDGAR	College Jean de Brebeuf	Montreal	10
WANG	YI JIE	The Woodlands Sec. School	Mississauga	12
WEN	YUNFEI	Walter Murray C.I.	Saskatoon	11
WENG	YUE	Unionville H.S.	Markham	12
ZHAO	WILLIAM	Richmond Hill H.S.	Richmond Hill	10
ZHOU	DANIEL	Centennial Collegiate	Saskatoon	12
ZHOU	SAM		Vancouver	10

Group III/Groupe III				
Scores/Notes 89 - 86				
BAO	JERRY		North York	11
CAI	WILLIAM	The Woodlands Sec. School	Mississauga	12
CHA	JAEOON	Western Canada H.S.	Calgary	11
CHEN	LUOFEI		Vancouver	11
CHEN	ZHONGQI	Bayview S.S.	Richmond Hill	12
GONG	YUANYUE	Pierre Elliott Trudeau H.S.	Markham	11
HESSAMI PILEHROOD	ELNAZ	Marc Garneau C.I.	North York	11
HUANG	YUSHU	Marc Garneau C.I.	North York	12
KANG	QINGYUN	Centennial H.S.	Calgary	12
LI	ZEHUA		Vancouver	11
LIAO	XINYI	Insight Academy of Canada	Scarborough	12
LIN	SHIJIE	Lord Byng S.S.	Vancouver	11
LIU	JEFFREY	Marc Garneau C.I.	North York	11
LUO	ANDREW	Fleetwood Park S.S.	Surrey	11
PARSAEE	ALI	Western Canada H.S.	Calgary	12
REMOVORV	ANDREY	St. Theresa of Lisieux C.H.S.	Richmond Hill	11
SHEN	CHARLIE	London Dist. Christian S.S.	London	12
TAN	YIMING	Lord Byng S.S.	Vancouver	11

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants

Group III/Groupe III

Scores/Notes 89 - 86

TANG	YIMING	Colonel By S.S.	Gloucester	11
WANG	SEAN	Point Grey S.S.	Vancouver	10
WANG	VICTOR	Sir Winston Churchill S.S.	Vancouver	11
WEI	ANDREW	St. George's School	Vancouver	11
WEI	BEN	Waterloo C.I.	Waterloo	12
WEN	HENRY	Burnaby South S.S.	Burnaby	12
WEN	WILLIAM	Pierre Elliott Trudeau H.S.	Markham	12
XU	JIAJIE	Royal Crown Academic School	North York	12
XU	JUSTIN	Turner Fenton S.S.	Brampton	11
XU	KELVIN	Westdale S.S.	Hamilton	12
XU	SCOTT	Vincent Massey S.S.	Windsor	10
YANG	JONATHAN	Port Moody Sr. S.S.	Port Moody	12
YANZI	YANG	Insight Academy of Canada	Scarborough	11
YE	MING YANG	Bayview S.S.	Richmond Hill	11
YU	SHILONG	William Lyon Mackenzie C.I.	North York	11
ZHANG	JEFF		Vancouver	9
ZHANG	JINGYA	Georges Vanier S.S.	North York	12
ZHANG	MATTHEW	Mulgrave School	West Vancouver	11
ZHANG	ZIJIA	Mcdonald Int'l Academy	Toronto	12
ZHAO	WANYU	Appleby College	Oakville	11
ZHOU	ZIXIANG		London	9
ZHU	HAORAN	Thornhill S.S.	Thornhill	12

Group IV/Groupe IV

Scores/Notes 85 - 82

AMANI	PEDRAM	West Vancouver S.S.	West Vancouver	12
BAI	RONGZHUO	A.B. Lucas S.S.	London	11
BARRY	TIM	Eric Hamber S.S.	Vancouver	12
CAO	JOHN	Centennial C. and V.I.	Guelph	11
CHENG	OLIVER	Old Scona Academic H.S.	Edmonton	9
CONNELL TOMBS	MATTHEW	Sacred Heart C.H.S.	Newmarket	11
DAI	CHUANWEN	Vincent Massey S.S.	Windsor	11
DAI	YI	Milliken Mills H.S.	Markham	11
DE SILVA	THINULA	Marc Garneau C.I.	North York	12
FANG	CHENGZHI	Bishop Allen Academy	Etobicoke	11
FARHADI	HOOMAN	Webber Academy	Calgary	11
GAO	MAX	Richmond Hill H.S.	Richmond Hill	12
GAO	RUI	Pierre Elliott Trudeau H.S.	Markham	12
GU	WENYUE	Lord Byng S.S.	Vancouver	11
GUO	VICTOR	Marc Garneau C.I.	North York	10
HAN	ESTHER	Sentinel S.S.	West Vancouver	11
HAN	YUSHUO	Longfields-Davidson Heights S.	Nepean	11
HE	JUNWEI	Imperial College Of Toronto	Etobicoke	12
HE	SIYAN	Pierre Elliott Trudeau H.S.	Markham	12
HONG	HUNTER	Fraser Heights S.S.	Surrey	11
HU	HENRY	Waterloo C.I.	Waterloo	9
HU	YUE	New Oriental Int'l College	Scarborough	12
HUANG	KENT	John F. Ross C.V.I.	Guelph	12
HUANG	YUQING	Lower Canada College	Montreal	11
JAIN	KEVIN	Richmond Hill H.S.	Richmond Hill	11
JI	LI	Bur Oak S.S.	Markham	12
JIA	DONGLIN	Bishop Allen Academy	Etobicoke	12

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants

Group IV/Groupe IV

Scores/Notes 85 - 82

JIANG	EDWARD	Moscrop S.S.	Burnaby	12
JIN	DANIEL	Marc Garneau C.I.	North York	10
KANDOLA	TRIMAN	Vincent Massey S.S.	Windsor	12
KEHRIG	BRIAN	The Renert School	Calgary	12
KIM	ANDREW	Walter Murray C.I.	Saskatoon	12
LEE	DANNY	R.E. Mountain S.S.	Langley	11
LEE	HYEOK JUN	Westdale S.S.	Hamilton	12
LI	GUOLUN	Lord Byng S.S.	Vancouver	12
LI	MICHAEL	Marc Garneau C.I.	North York	9
LIANG	JINGZHI	Marc Garneau C.I.	North York	10
LIU	MARLEY	Colonel By S.S.	Gloucester	12
LIU	OUJING	Heritage Woods Secondary	Port Moody	12
LO	NATHAN	Pierre Elliott Trudeau H.S.	Markham	12
LUO	YUXUAN	Royal Crown Academic School	North York	12
MOSELEY	CALLUM	Richmond Hill H.S.	Richmond Hill	12
NGO	FREDERICK	Marc Garneau C.I.	North York	12
NI	YIHAN	Markville S.S.	Markham	12
PANG	LAWRENCE	Marc Garneau C.I.	North York	12
QI	JI	Moscrop S.S.	Burnaby	12
REN	BORU	The Westside School	Vancouver	12
SHAN	WENQI	Markville S.S.	Markham	12
SHI	JANE	Sir Winston Churchill H.S.	Calgary	12
SHYNKEVYCH	DMYTRO	Braemar College	Toronto	12
SULLIVAN	NICHOLAS	Ashbury College	Rockcliffe	11
SUN	YIXIONG	Cameron Heights C.I.	Kitchener	12
TIAN	EDWARD	University of Toronto Schools	Toronto	11
TIAN	ZHENGYING	Havergal College	North York	10
WANG	DUANYANG	Hillfield-Strathallan Coll. H.	Hamilton	12
WANG	SIMON	Marc Garneau C.I.	North York	11
WANG	YUXI	Surrey Christian School (Seco	Surrey	11
XUE	YUCHEN	Thornhill S.S.	Thornhill	11
YANG	BOYA	Burnaby South S.S.	Burnaby	9
YANG	ERICA	Oakridge S.S.	London	12
YANG	JAEWOO	Kelvin H.S.	Winnipeg	13
YANG	ZICHEN	Town Ctr. Montessori Priv. Sch	Markham	12
YOU	QIZHE	Abbey Park H.S.	Oakville	11
YU	XIAOCHEN	St. Robert C.H.S.	Thornhill	11
ZHAN	ALBERT	Vincent Massey S.S.	Windsor	11
ZHANG	AN	Oakville Trafalgar H.S.	Oakville	11
ZHANG	KAISHEN	Yorkville International Academ	Markham	12
ZHANG	SONGQING	Georges Vanier S.S.	North York	12
ZHANG	YUANHONG	Pinetree S.S.	Coquitlam	11
ZHANG	YUGE	Insight Academy of Canada	Scarborough	12
ZHAO	JACK	Windermere S.S.	Vancouver	11
ZHENG	LINDA	Colonel By S.S.	Gloucester	11
ZHOU	ALICE	Waterloo C.I.	Waterloo	12
ZHOU	CONNIE	Branksome Hall	Toronto	12
ZHOU	JEFFREY	Western Canada H.S.	Calgary	12
ZHU	LAN XI	Marianopolis College	Westmount	12
ZHUO	WEIXI	Unionville H.S.	Markham	12

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants

Group V/Groupe V		Scores/Notes 81 - 79		
AU	PATRICK	Don Mills C.I.	North York	12
BAI	MINYA	Vincent Massey S.S.	Windsor	11
CAO	JINGQUAN	Royal Elite Int'l Academy	Niagara-on-the-Lake	12
CHAU	BRIAN	Woburn C.I	Scarborough	9
CHEN	BINGZHI	White Oaks S.S.	Oakville	12
CHEN	JIAWEI	Fredericton H.S.	Fredericton	11
CHEN	WEIXI	Milliken Mills H.S.	Markham	12
CHEN	YILIN	Mulgrave School	West Vancouver	11
CHEN	YUFEI	Thornlea S.S.	Thornhill	12
CHEN	YUHONG	North Star Academy	Laval	12
CHENG	ALBERT	University of Toronto Schools	Toronto	10
CHU	KEVIN	Western Canada H.S.	Calgary	11
CHUNG	YUN EN	St. Patrick's H.S.	Ottawa	11
DE SILVA	BIMESH	Richmond Hill H.S.	Richmond Hill	12
DENG	LIN	Unionville H.S.	Markham	11
DING	FRANK	University of Toronto Schools	Toronto	12
DU	JIA HUI	Glenforest S.S.	Mississauga	12
DUAN	DANYANG	Wales College	Scarborough	12
FANG	JAMES	Elgin Park S.S.	Surrey	9
GAO	ZIXUAN	Colonel Gray Sr. H.S	Charlottetown	12
GOATCHER	HUGH	Glebe Collegiate Institute	Ottawa	12
GU	ANDI	St. Francis Xavier S.S.	Mississauga	11
HOOPER	COLEMAN	Horton H.S.	Wolfville	12
HU	JASON	Killarney S.S.	Vancouver	10
HUANG	BRAD	Richmond Hill H.S.	Richmond Hill	12
HUANG	TIANQI	Bayview S.S.	Richmond Hill	12
JIANG	HENNING	Vincent Massey S.S.	Windsor	10
JIANG	RYAN	William Lyon Mackenzie C.I.	North York	12
JIN	YIFAN	Brooklyn College	Toronto	12
KANG	SEO YOUNG	Port Moody Sr. S.S.	Port Moody	11
KANG	SULLAN	Lower Canada College	Montreal	12
KE	DANNY	Bell H.S.	Nepean	12
KIM	JOSHUA	Bayview S.S.	Richmond Hill	12
KLASSEN	NATHAN	Guelph C. and V.I.	Guelph	11
LANHE	ZHENG	Toronto Central Academy	Toronto	11
LEDGERWOOD	JACOB	Vincent Massey S.S.	Windsor	12
LEE	JOON HO	Garibaldi S.S.	Maple Ridge	12
LEE	JULIETTE	Seaquam S.S.	Delta	12
LI	GUOHAO	Amberson College	Toronto	12
LI	HANCHEN	Marc Garneau C.I.	North York	12
LI	JINGLIN	Rockridge S.S.	West Vancouver	11
LI	MENGQI	York Mills C.I.	North York	11
LI	MICHAEL	William Lyon Mackenzie C.I.	North York	12
LI	WILLIAM	Richmond Green S.S.	Richmond Hill	12
LI	YILUN	Dundas Valley S.S.	Dundas	12
LIANG	DAREN	Fredericton H.S.	Fredericton	11
LIANG	KATHERINE	Western Canada H.S.	Calgary	11
LIANG	XI XIN	David Thompson S.S.	Vancouver	12
LIAO	YONGXIAN	Handsworth S.S.	North Vancouver	11
LIN	JIALU	St. Thomas Aquinas H.S.	North Vancouver	12
LIU	SHUYU	Earl Haig S.S.	North York	12
LIU	XIAOYI	Toronto Central Academy	Toronto	12

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants

Group V/Groupe V		Scores/Notes 81 - 79		
LIU	YUXIN	ACE Acumen H.S.	Toronto	12
LIU	ZHUOCHENG	Earl Marriott S.S.	Surrey	12
LUO	LINDA	London Central S.S.	London	12
MA	FRANK	St. George's School	Vancouver	11
MA	JINGYU	Mentor College	Mississauga	12
MAI	STEVEN	University of Toronto Schools	Toronto	10
MEDJEDOVIC	ANDEAN	Westmount S.S.	Hamilton	10
MEHTA	HERMISH	University of Toronto Schools	Toronto	12
MO	DENNIS	Richmond S.S.	Richmond	11
PAPADOPOULOS	DANIEL	Centennial C. and V.I.	Guelph	12
PARK	SAMMY	Abbey Park H.S.	Oakville	12
PU	JUSTIN	William Lyon Mackenzie C.I.	North York	12
QIAN	YANSONG	Halifax Grammar School	Halifax	12
QIAO	ZHUOHUA	Rothsay Netherwood School	Rothsay	12
REN	CYNTHIA	St. Aloysius Gonzaga S.S.	Mississauga	11
ROBITAILLE	ALEXANDER	College Jean de Brebeuf	Montreal	12
SHEN	ERIC	University of Toronto Schools	Toronto	9
SHETH	VISHWA	Central Peel S.S.	Brampton	12
SHI	PENGYUAN	Bur Oak S.S.	Markham	12
STECKEL	CAMRYN	Oakridge S.S.	London	12
SU	HAO CONG	Victoria Park C.I.	North York	12
SU	ZHIHAO	Crescent School	North York	10
TAO	SEAN	Bayview S.S.	Richmond Hill	11
WAN	LIHONG	Toronto Dist. Christian H.S.	Woodbridge	12
WANG	JOSEPH	Bayview S.S.	Richmond Hill	11
WANG	QINCHEN	Elmwood School	Rockcliffe	12
WANG	RUI	Sir Winston Churchill S.S.	Vancouver	12
WANG	SHUSHAN	Sir Winston Churchill S.S.	Vancouver	10
WONG	ERIC		Vancouver	11
WONG	TSZ FOON	Unionville H.S.	Markham	12
WU	DEREK	Sir Robert Borden H.S.	Nepean	10
WU	ERIC	Iroquois Ridge H.S.	Oakville	11
WU	PETER	Richmond Hill H.S.	Richmond Hill	11
XIE	XINYUE	Kuper Academy	Kirkland	11
XU	CHENRUI	Father John Redmond H.S.	Etobicoke	11
XU	SAMUEL	Vincent Massey S.S.	Windsor	12
XU	YIFAN	Northview Heights S.S.	North York	12
XU	ZIYI	Royal Crown Academic School	North York	12
YAN	XUEZHI	Citadel H.S.	Halifax	11
YANG	DANIEL	University of Toronto Schools	Toronto	9
YANG	JIAJIE	Toronto Central Academy	Toronto	12
YANG	PETER	Semiahmoo S.S.	Surrey	11
YANG	YAHUI	Royal Crown Academic School	North York	12
YOU	ALEX	Richmond S.S.	Richmond	11
YOUNG	MICHAEL	Vincent Massey S.S.	Windsor	12
YU	ZHENGZHENG	Brantford C.I. and V.S.	Brantford	11
ZAITSEVA	DARIA	University of Toronto Schools	Toronto	12
ZHANG	GARLAND	Markville S.S.	Markham	12
ZHANG	JENNIFER	Port Moody Sr. S.S.	Port Moody	11
ZHOU	BINGYAO	Sentinel S.S.	West Vancouver	12
ZHOU	HUIYI	Langstaff S.S.	Richmond Hill	12
ZHOU	LIYANG	Collingwood School	West Vancouver	11

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants

Group V/Groupe V		Scores/Notes 81 - 79		
ZHOU	MICHAEL	Sir John A. Macdonald S.S.	Waterloo	12
ZHOU	SALLY	Victoria Park C.I.	North York	11
ZHOU	YOU	Vincent Massey S.S.	Windsor	11
ZHOU	ZEHAO	A.Y. Jackson S.S.	North York	11
ZHU	YUYING	Ontario International College	Toronto	12
ZHU	ZHIYUE	London Int'l Academy	London	12
ZOU	ALVIN	Prince of Wales S.S.	Vancouver	10
ZOU	JIAMING	Pierre Elliott Trudeau H.S.	Markham	12

2017
Euclid Contest/Concours Euclide
Team Honour Roll/Palmarès d'équipes
International

Rank/Rang	School/École	City/Ville	Score/Note
1	ICAE	Troy	286
2	Hwa Chong Institution	Singapore	284
3	British Columbia Academy	Nanjing	273
4	Math Trainers Guild of Philippines	Zamboanga City	267
4	Rosedale Academy Tianjin	Tianjin	267
6	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	266
7	Chengdu Shude H.S.	Chengdu	263
8	H.S. Affiliated to Nanjing Normal Uni.	Nanjing Jiangsu	260
8	The Affiliated H.S. of South China Norma	Guangzhou Guangdong	260
10	Shenzhen M.S.	Shenzhen	259
10	The H.S. Affiliated to Renmin Uni. of Ch	Beijing	259
12	UW Shanghai	Shanghai	257
12	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	257
12	Wardaya College	Jakarta Barat	257
12	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	257
16	Anglo-Chinese School (Independent)	Singapore	256
16	DaLian Zhongshan Stanford Lang. Train. S	DaLian	256
18	Jiangsu Tianyi H.S.	Wuxi Jiangsu	255
18	Qingdao Pennon Foreign Language School	Qingdao Shandong	255
20	Hangzhou Foreign Language School	Hangzhou Zhejiang	254
21	Shenzhen Foreign Language School	Shenzhen	253
22	Diocesan Girls' School	Kowloon	252
22	No. 2 H.S. att. to East China Normal Uni	Shanghai	252
22	Shenzhen Senior H.S.	Shenzhen	252
22	Wuxi No1 H.S	Wuxi Jiangsu	252
26	Rosedale Academy-Shenyang	Shenyang	251
27	High School att'd to Northeast Normal Un	Changchun	250
27	National Junior College	Singapore	250
29	Nanjing Foreign Language School	Nanjing	249
30	Shanghai Gold Apple School	Shanghai	248
31	CPS Group of Schools	Chennai Tamilnadu	247
31	Dalian Ealing Int'l College	Dalian	247
31	Shanghai Guanghua College-Fudan Campus	Shanghai	247
34	Jinan Foreign Language School	Jinan	246
34	U-Link College of Beijing	Beijing	246
36	Int'l Centre of Normal College of Shenzh	Shenzhen	245
36	Methodist College Kuala Lumpur	Brickfields Kuala Lumpur	245
36	Ningbo Xiaoshi H.S.	Ningbo Zhejiang	245
36	Shanghai Pinghe School	Shanghai	245
36	Shanghai Qibao Dwight H.S.	Shanghai	245
36	Surya Institute	Tangerang	245
36	Ulink College of Suzhou Industrial Park	Suzhou Jiangsu	245
43	Chongqing Nankai S. S.	Chongqing	244
44	National Institute of Technology	Beijing	243
45	Shenzhen Concord College of Sino-Canada	Nashan District Shenzhen	242
46	Shanghai World Foreign Language M.S.	Shanghai	238
46	Tianjin No.1 High School	Tianjin	238
48	Chengdu No 7 H. S. (Gaoxin Campus)	Chengdu	237
48	No.1 Middle School Affiliated to CCNU	Wuhan	237
48	Taylor's College Sdn Bhd	Subang Jaya Selangor	237
48	U-Link College Guangzhou	Guangzhou Guangdong	237
48	Zhengzhou Foreign Language School	Zhengzhou	237

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants
International

Name/Nom		School/École	Location/Endroit	Grade/Niveau
Group I/Groupe I		Scores/Notes 97 - 95		
BHATTACHARYA	ANKAN	ICAE	Troy	12
JEON	SEBASTIAN	Bergen County Academies	Hackensack	9
WANG	SHUWEI	Hwa Chong Institution	Singapore	12
WU	XIAORUN	Hwa Chong Institution	Singapore	12
ZHAO	FREDDIE	ICAE	Troy	10
Group II/Groupe II		Scores/Notes 94 - 91		
ARORA	AJAY	ICAE	Troy	10
CHEN	TIANYI	British Columbia Academy	Nanjing	10
CHEUNG	IAN	K. J. Marks Jr.	Cranford	10
JASON	KRISTOFORUS	Wardaya College	Jakarta Barat	11
LIU	YIFAN	British Columbia Academy	Nanjing	11
LU	SHENGWEI	Hwa Chong Institution	Singapore	12
MODI	NEEL	ICAE	Troy	11
SHEN	SIKAI	Hangzhou New Century Foreign Langua	Hangzhou	10
SUN	MICHAEL	Shanghai American School (West Camp	Shanghai	11
SUN	WENHAN	Dalian Ealing Int'l College	Dalian	10
THAVAMANI	CHITTESH	ICAE	Troy	11
WAHYUDI	TIMOTHY JACOB	Santa Laurensia H. S.	Tangerang Selatan	12
WANG	YEWEN	DaLian Zhongshan Stanford Lang. Tra	DaLian	11
YANG	JUNHUI	Hwa Chong Institution	Singapore	12
ZENG	ZHENGTAO	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	12
ZHAO	YANGRONG	Shenzhen Senior H.S.	Shenzhen	12
ZHOU	ZIHAN	Rosedale Academy Tianjin	Tianjin	11
Group III/Groupe III		Scores/Notes 90 - 88		
CAO	ZHICHUN	Victoria Junior College	Singapore	11
CHEN	QIANFAN	British Columbia Academy	Nanjing	11
CHEN	YI	U-Link College of Beijing	Beijing	12
CHENG	JIAYUE	Jiangsu Tianyi H.S.	Wuxi Jiangsu	12
CLAVERIA	ELIJAMIN	Math Trainers Guild of Philippines	Zamboanga City	11
DAI	YUCHENG	British Columbia Academy	Nanjing	11
DUMAN	ARTUN	Bahcesehir H.S. for Sci. and Tech.	Istanbul	12
HE	ZEYUAN	Shenzhen M.S.	Shenzhen	11
JIAO	PENGYI	Rosedale Academy Tianjin	Tianjin	10
ONG	STEFAN	Math Trainers Guild of Philippines	Zamboanga City	9
OU	YIYANG	Chengdu Shude H.S.	Chengdu	12
PARK	JUNHO	Shanghai American School (West Camp	Shanghai	12
PARTONO	RUBEN	Wardaya College	Jakarta Barat	12
QIN	ZIANG	British Columbia Academy	Nanjing	11
SARASWATHY	HARINI	CPS Group of Schools	Chennai Tamilnadu	12
SENG QI WEN	GABRIEL	Taylor's College Sdn Bhd	Subang Jaya Selangor	12
TALATI	AKHIL	Om Shanti English Medium School	Morbi	12
TY	SEAN ANDERSON	Math Trainers Guild of Philippines	Zamboanga City	10
WANG	DING	Harbin Engineering University Alev	Harbin	11
WANG	GUANZHAO	Rosedale Academy Tianjin	Tianjin	11
WANG	XIYAO	Guangzhou Zhixin School	Guangzhou	12

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants
International

Group III/Groupe III

Scores/Notes 90 - 88

WANG	YIJIE	Chengdu Shude H.S.	Chengdu	10
WEN	ZIHAN	British Columbia Academy	Nanjing	12
WU	YUHENG	The Affiliated H.S. of South China	Guangzhou Guangdong	11
XU	HAORAN	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	11
XU	XINGZE	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
ZHANG	ZIYAO	Shandong Experimental High School	Jinan	11
ZHENG	LETIAN	British Columbia Academy	Nanjing	11
ZHOU	KAIWEN	Wuhan ULink College of Optics Valle	Wuhan	11
ZHOU	SU	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
ZUO	YUNCONG	British Columbia Academy	Nanjing	11

Group IV/Groupe IV

Scores/Notes 87 - 85

CAO	HAORAN	British Columbia Academy	Nanjing	11
CAO	TIANTIAN	British Columbia Academy	Nanjing	11
CHEN	LU	Hwa Chong Institution	Singapore	12
CHEN	QIAN	British Columbia Academy	Nanjing	11
CHEN	RUI	Shanghai Guanghua College-Fudan Cam	Shanghai	12
CHENG	MINGDA	Shenzhen Foreign Language School	Shenzhen	10
CHIU	HAOYUN	British Columbia Academy	Nanjing	11
CHONG	JINGER	Math Trainers Guild of Philippines	Zamboanga City	10
FENG	JICHEN	UW - Beijing	Beijing	12
GANESH	SRIHARI	ICAE	Troy	9
GENG	JIANCHAO	British Columbia Academy	Nanjing	11
GONZALES	ANDRES RICO	Math Trainers Guild of Philippines	Zamboanga City	9
GU	BOYANG	Nanjing Foreign Language School	Nanjing	10
GUAN	ZHAOSHUN	Zhenhai H.S. Cambridge Int'l Center	Ningbo	10
GUO	JIALIANG	UW Shanghai	Shanghai	13
HAO	YANXING	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	10
HOU	EDWARD	Rosedale Academy Tianjin	Tianjin	11
HOU	YIFEI	Jinan Foreign Language School	Jinan	11
HUANG	LIHUI	The Affiliated H.S. of South China	Guangzhou Guangdong	11
HUANG	YIHAO	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	12
HUANG	ZHIYI	Chongqing Nankai S. S.	Chongqing	10
JIA	JIMSYN	Diocesan Girls' School	Kowloon	11
JIAHE	ZHU	National Junior College	Singapore	11
JUNAIDI	ARIEL	Anglo-Chinese School (Independent)	Singapore	12
KEH	SEDRICK KEH	Math Trainers Guild of Philippines	Zamboanga City	12
LI	MICHAEL	High School att'd to Northeast Norm	Changchun	12
LI	XINHAI	Canada Langfang S. S.	Langfang	12
LI	XINYU	Shenzhen M.S.	Shenzhen	11
LI	YUHAO	Hwa Chong Institution	Singapore	12
LI	ZHAOHUA	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	13
LI	ZHENGZE	Hangzhou New Century Foreign Langua	Hangzhou	11
LI	ZHIWEI	Chengdu Shude H.S.	Chengdu	11
LIN	YUKE	British Columbia Academy	Nanjing	11
LIN	ZIHONG	The Affiliated H.S. of South China	Guangzhou Guangdong	10
LIU	MENGZHEN	Beijing National Day School	Beijing	11
LIU	YUDONG	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	11
LU	XIAO	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	11
MA	JIAYUAN	British Columbia Academy	Nanjing	11
MAYER	MOSES	Surya Institute	Tangerang	10

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants
International

Group IV/Groupe IV

Scores/Notes 87 - 85

MEN	CHENGKAI	Anglo-Chinese School (Independent)	Singapore	10
NAIRONG	DU	Victoria Junior College	Singapore	12
NI	HAOQI	Beijing National Day School	Beijing	12
ONG	DION STEPHAN	Math Trainers Guild of Philippines	Zamboanga City	9
PAN	ZHENGKAI	Cambridge Int'l Centre of Shanghai	Shanghai	11
PARKHOMENKO	PAVLO	NVK 157	Kyiv	11
QIAN	YUEHAN	British Columbia Academy	Nanjing	11
RUAN	JIACHENG	Ulink College of Suzhou Industrial	Suzhou Jiangsu	11
S	JEEVA	CPS Group of Schools	Chennai Tamilnadu	12
SHA	JUNYI	British Columbia Academy	Nanjing	11
SHI	HAOCHEN	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	11
SIVASHANKAR	VARUN	Transitions Lab Prep School	Thiruvananthapuram	11
SONG	YONG	The H.S. Affiliated to Renmin Uni.	Beijing	11
SONI	PRATHAM	ICAE	Troy	9
SUNEJA	SAHIL	ICAE	Troy	10
TRAN	THIEN	Hwa Chong Institution	Singapore	12
WANG	MANSHU	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
WANG	TAOHAO	UW Shanghai	Shanghai	12
WANG	TIANYU	UW - Beijing	Beijing	12
WANG	YUANHANG	The H.S. Affiliated to Renmin Uni.	Beijing	12
WANG	YUANHAO	UWC Changshu China	Changshu	10
WANG	YUANYUTING	Shenzhen M.S.	Shenzhen	11
WANG	YUTIAN	British Columbia Academy	Nanjing	10
WEI	TANMING	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	11
WU	GAOCHEN	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	11
XU	CHONGCONG	No. 2 H.S. att. to East China Norma	Shanghai	11
XU	GUANGZI	Hangzhou New Century Foreign Langua	Hangzhou	11
XU	ZHANDUO	Hangzhou New Century Foreign Langua	Hangzhou	11
YAN	CHANG	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	11
YAN	MENGXUAN	British Columbia Academy	Nanjing	11
YAN	QIAN XI	No.1 Middle School of Linchuan	Fuzhou	11
YAN	YAN	Shanghai Gold Apple School	Shanghai	12
YANG	YIMING	Beijing National Day School	Beijing	12
YAO	LUHAN	Chengdu Shude H.S.	Chengdu	12
YAO	TIANHAO	No. 2 H.S. att. to East China Norma	Shanghai	11
YIHAN	LU	Cambridge Int'l Ctr. of Shanghai No	Shanghai	12
YU	BAICHEN	Rosedale Academy Tianjin	Tianjin	10
YU	JIAYIN	British Columbia Academy	Nanjing	11
YU	PINGAN	Wuxi No1 H.S	Wuxi Jiangsu	12
ZEHONG	ZONG	Zhengzhou Foreign Language School	Zhengzhou	11
ZHAN	YAQI	The H.S. Affiliated to Renmin Uni.	Beijing	11
ZHANG	CHENYANG	The H.S. Affiliated to Renmin Uni.	Beijing	11
ZHANG	HAOCHEN	Rosedale Academy Tianjin	Tianjin	12
ZHANG	HENG SU	British Columbia Academy	Nanjing	11
ZHANG	SONGYUE	Wuxi No1 H.S	Wuxi Jiangsu	11
ZHANG	YUQIAN	Hwa Chong Institution	Singapore	12
ZHANG	ZHILIN	Chengdu Shude H.S.	Chengdu	11
ZHANG	ZHONGYANG	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	12
ZHAO	LIQI	British Columbia Academy	Nanjing	11
ZHAO	YUNTING	Qingdao University GAC-ACT Center	Qingdao	10
ZHOU	HUAHAO	UWC Changshu China	Changshu	12
ZHOU	ZILI	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants
International

Group IV/Groupe IV

Scores/Notes 87 - 85

ZHOU	ZIQING	Jiangsu Tianyi H.S.	Wuxi Jiangsu	11
ZHU	CHENXIN	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	11
ZHU	CHI	British Columbia Academy	Nanjing	10
ZIEN	LIN	Anglo-Chinese School (Independent)	Singapore	11
ZUO	XIAOTONG	Shenzhen Concord College of Sino-Ca	Nashan District Shen	11

Group V/Groupe V

Scores/Notes 84 - 82

ANG BOON HAN	NATHANIEL	Anglo-Chinese School (Independent)	Singapore	9
ARORA	ADITYA	UW Delhi	Delhi	12
AYDIN	YUNUS	Uskudar American Academy	Istanbul	12
CAI	TIANQIN	Beijing National Day School	Beijing	11
CAI	XURAN	Jinling H.S.	Nanjiing	10
CHANDRATREYA	ISHAAN	Fravashi Int'l Academy	Nashik	12
CHANG	BASIL	High School att'd to Northeast Norm	Changchun	12
CHEN	DIBO	Rosedale Academy-Shenyang	Shenyang	10
CHEN	MINGJIANG	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
CHEN	RUORU	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
CHEN	YUFEI	No. 2 H.S. att. to East China Norma	Shanghai	10
CHEN	YUSHAN	Tianjin No.1 High School	Tianjin	12
CHEN	YUXUAN	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
CHEN	ZHUO	Shenzhen M.S.	Shenzhen	11
CUI	RUOHUI	British Columbia Academy	Nanjing	11
CUI	YUZE	Shenzhen M.S.	Shenzhen	11
DONY	SHIXINY	Rosedale Academy-Shenyang	Shenyang	10
DORAN	DESMOND	Christian Brothers College	Cork	12
FAN	JIAN	British Columbia Academy	Nanjing	12
FAN	KAIYAN	Hangzhou Foreign Language School	Hangzhou Zhejiang	10
FAN	SHIJIE	British Columbia Academy	Nanjing	11
FANG	CHENYANG	Shanghai World Foreign Language M.S	Shanghai	11
FANG	RONGMIN	Rosedale Academy-Shenyang	Shenyang	11
FENG	JIANAN	Shanghai Pinghe School	Shanghai	11
FLORES	DIEGO	Euroamerican 2000	San Salvador	11
FU	YICHENG	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	10
FU	YIMEI	Diocesan Girls' School	Kowloon	11
GAO	SHANTIANFANG	Guangdong Guangya H.S.	Guangzhou	11
GOU	RUIYU	UW Shanghai	Shanghai	12
GUO	HANXUAN	Beijing National Day School	Beijing	10
GUO	JIACHENG	Rosedale Academy-Shenyang	Shenyang	12
GUO	RUI YU	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	12
GUO	RUOXI	Shijiazhuang Foreign Language Schoo	Jhijiazhuang	11
GUO	SIDONG	Ningbo Xiaoshi H.S.	Ningbo Zhejiang	11
GUO	YINING	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	12
HAO	MINGYU	National Institute of Technology	Beijing	12
HONG	XUECHEN	Rosedale Academy - Wuxi	Jiangsu Wuxi	11
HU	HANTONG	Ningbo Xiaoshi H.S.	Ningbo Zhejiang	10
HU	YUNSHU	Shandong Experimental High School	Jinan	11
HUANG	GUANQIU	Qingdao University GAC-ACT Center	Qingdao	11
HUANG	HAIHAN	Qingdao University GAC-ACT Center	Qingdao	12
HUANG	HANYANG	Hangzhou New Century Foreign Langua	Hangzhou	12
HUANG	PEIYAO	Shenzhen M.S.	Shenzhen	11
HUANG	XIPENG	British Columbia Academy	Nanjing	12

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants
International

Group V/Groupe V

Scores/Notes 84 - 82

HUANG	YIXUAN	Shanghai Qibao Dwight H.S.	Shanghai	11
JIN	YIJIE	UW Shanghai	Shanghai	12
JING	XINGZHI	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
KAKKAR	MAYANK	UW Delhi	Delhi	12
KAN	MAN KIT	Methodist College Kuala Lumpur	Brickfields Kuala Lu	13
KHARISTIA	GIDEON	Anglo-Chinese School (Independent)	Singapore	12
LI	HAOYUE	Jinling H.S.	Nanjiing	11
LI	JINGWEI	National Junior College	Singapore	11
LI	KUNYANG	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
LI	XINCHEN	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	11
LI	YIFAN	British Columbia Academy	Nanjing	12
LI	ZHENG DAN	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	12
LI	ZHERUI	National Institute of Technology	Beijing	12
LIANG	YUTONG	Rosedale Academy-Shenyang	Shenyang	11
LIN	SHIYANG	Shenzhen Senior H.S.	Shenzhen	11
LIN	XUANZ HI	Shanghai Qibao Dwight H.S.	Shanghai	11
LITAROWICZ	JEREMI	Int'l School of Geneva (S.S.)	Geneva	10
LIU	CHENGJI	The H.S. Affiliated to Renmin Uni.	Beijing	11
LIU	SIHAN	UW Shanghai	Shanghai	12
LIU	SIHONG	Shenzhen Foreign Language School	Shenzhen	10
LIU	TIANQI	Shanghai Guanghua College-Fudan Cam	Shanghai	12
LIU	TIEDONG	Victoria Junior College	Singapore	12
LIU	WEIZHI	UW Shanghai	Shanghai	11
LOU	ZIQI	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
LU	HANBAI	British Columbia Academy	Nanjing	11
LU	JOEY	The National Math. & Science Colleg	Coventry	12
LU	YUNCHENG	KunShan M. S. of JiangSu Province	Kunshan	10
LU	ZHEN	Wuxi Nol H.S	Wuxi Jiangsu	11
MAO	YIFAN	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	11
MIN	SHIJIE	British Columbia Academy	Nanjing	11
NAKAJIMA	TAMIO VESA	Liceul Vocational Pedagogic Nicolae	Beius	12
NI	SHUKAI	Jiangsu Tianyi H.S.	Wuxi Jiangsu	11
ONG	TIFFANY MAE	Math Trainers Guild of Philippines	Zamboanga City	11
PAN	YUQING	Shenzhen Foreign Language School	Shenzhen	11
PAN	ZIHENG	British Columbia Academy	Nanjing	11
POON	HO KIU ALLIE	Diocesan Girls' School	Kowloon	11
QI	HAN	Rosedale Academy Tianjin	Tianjin	10
QIAN	YIWEN	UW Shanghai	Shanghai	11
QIU	ZIYUE	British Columbia Academy	Nanjing	11
RAJESH	VARUN	ICAE	Troy	9
RAZA	SYED HUSSAIN	Beaconhouse School (Defence Campus)	Lahore	12
SAI	YIN CHEN	Sunway College-Canadian Int'l Mat.	Selangor Darul Ehsan	12
SHANG	ZHUANGFEI	The H.S. Affiliated to Renmin Uni.	Beijing	11
SHANGGUAN	JINGFAN	UW - Beijing	Beijing	13
SHENG	KAIYUAN	Beijing National Day School	Beijing	10
SHI	CONGYUAN	Rosedale Academy-Shenyang	Shenyang	10
SHI	HAOXVAN	Xi'an Tie Yi High School	Xi'an	12
SHI	JIAJUN	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
SHI	SONG	UW - Beijing	Beijing	12
SHI	WEN	No. 2 H.S. att. to East China Norma	Shanghai	11
SOKOLOVSKYI	HEORHII	Dnipro municipal school 23	Dnipro	10
SONG	WENXUAN	Shenzhen M.S.	Shenzhen	11

2017
Euclid Contest/Concours Euclide
Student Honour Roll/Palmarès d'étudiants
International

Group V/Groupe V

Scores/Notes 84 - 82

SUN	YIZHI	UW - Beijing	Beijing	12
TAGAMI	DAIKI	German Int'l School Sydney	Terrey Hills	11
TANG	JIAXUAN	Zhangjiagang Ivy Experimental H.S.	Zhangjiagang	11
TANG	YUCHEN	Chengdu Shude H.S.	Chengdu	11
TIAN	DANIEL	ICAE	Troy	9
TIAN	YU	Chengdu Shude H.S.	Chengdu	10
WAHYUDI	WILLIAM	Anglo-Chinese School (Independent)	Singapore	10
WANG	CHENG	Chengdu Foreign Lang. Sch. (SINO-CA	Chengdu Sichuan	12
WANG	HAOMING	Chongqing No.1 International Studi	Yubei	12
WANG	SHAOHONG	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
WANG	XINGHAN	Int'l Centre of Normal College of S	Shenzhen	12
WANG	YANG	UW Shanghai	Shanghai	12
WANG	YUETONG	Chongqing Nankai S. S.	Chongqing	11
WANG	ZHIMING	Qingdao University GAC-ACT Center	Qingdao	9
WANG	ZIYING	Hwa Chong Institution	Singapore	12
WEI	YIFEI	National Junior College	Singapore	11
WEI	YINING	Jinling H.S.	Nanjiing	11
WU	QIANWEN	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	11
WU	SHILIANG	British Columbia Academy	Nanjing	11
WU	TIANQI	British Columbia Academy	Nanjing	11
XIE	KEXIN	Shenzhen Col. of Inter. Education	Shenzhen Guangdong	12
XU	DANIEL	ICAE	Troy	9
XU	ZHIYUAN	British Columbia Academy	Nanjing	11
YAN	YIBO	UW - Beijing	Beijing	12
YANG	XING	WHBC of Wuhan Foreign Lang. Sch.	Wuhan Hubei	11
YAO	XINRU	Hangzhou Foreign Language School	Hangzhou Zhejiang	10
YEN	PING	National HsinChu Senior High School	Hsin Chu	11
YU	SI YEUNG	The ISF Academy	Pokfulam	11
YU	ZHIGE	British Columbia Academy	Nanjing	11
YUAN	ZEHAO	British Columbia Academy	Nanjing	11
ZHANG	BAOYUAN	Anglo-Chinese School (Independent)	Singapore	10
ZHANG	BOHAN	UW - Beijing	Beijing	12
ZHANG	CHENYU	British Columbia Academy	Nanjing	11
ZHANG	HAN	Hangzhou Foreign Language School	Hangzhou Zhejiang	11
ZHANG	HAOMING	Qingdao Pennon Foreign Language Sch	Qingdao Shandong	10
ZHANG	QIANXUE	UW - Beijing	Beijing	12
ZHANG	YOUYUAN	Jinling H.S.	Nanjiing	11
ZHENG	ZHUANGQI	British Columbia Academy	Nanjing	10
ZHOU	MAGGIE	Shanghai Nanyang Model Private H.S.	Shanghai	12
ZHOU	SIXING	H.S. Affiliated to Nanjing Normal U	Nanjing Jiangsu	12
ZHOU	YUTONG	British Columbia Academy	Nanjing	11
ZHOU	ZHIPENG	UW - Beijing	Beijing	13
ZHU	XIAOHAN	Jiangsu Tianyi H.S.	Wuxi Jiangsu	12
ZHU	XINLIN	Int'l Engelska Gymnasiet Sodermalm	Stockholm	11
ZHU	XINYE	British Columbia Academy	Nanjing	11
ZHUANG	YUERONG	Nanjing Foreign Language School	Nanjing	10
ZI MING	LIU	DaLian Zhongshan Stanford Lang. Tra	DaLian	10

UNOFFICIAL STUDENTS AT SCHOOLS IN CANADA /
 ÉLÈVES NON-OFFICIEL DANS LES ÉCOLES AU CANADA

SCORES / NOTES 100 - 80

Name/Nom		School/École	Location/Endroit
ALE MOHAMMAD	SEYED ARMIN	St. Robert C.H.S.	Thornhill, ON
AN	ZIFENG	Bronte College Of Canada	Mississauga, ON
BACH	THAT	Bernice MacNaughton H.S.	Moncton, NB
BIAN	MUYI	Columbia Int'l College	Hamilton, ON
CHEN	JIWEI	Columbia Int'l College	Hamilton, ON
CHEN	MIN RU	Columbia Int'l College	Hamilton, ON
CHEN	PANYU	Earl Haig S.S.	North York, ON
DING	HAO	Goldenlink Academy	Markham, ON
DUAN	JUNYAO	Bernice MacNaughton H.S.	Moncton, NB
FANG	JIANYE	SuOn International Academy	Etobicoke, ON
FAN	YANG	Bishop Allen Academy	Etobicoke, ON
FENG	TIANLU	Princeton Academy of Canada	Toronto, ON
HURST	ROB	Medway H.S.	Arva, ON
LIANG	JINGJING	Bronte College Of Canada	Mississauga, ON
LU	KIMBERLY	Southpointe Academy	Delta, BC
LUO	JINGNING	The Woodlands Sec. School	Mississauga, ON
MALMYGUINE	MIKHAIL	Tatiana Chukhina	Brampton, ON
MENG	DEYU		Vancouver, BC
SHANG	YILIN	Wales College	Scarborough, ON
SONG	YUHAN	Columbia Int'l College	Hamilton, ON
SUN	HAO	Columbia Int'l College	Hamilton, ON
SU	STEVE	SuOn International Academy	Etobicoke, ON
TIAN	WENDELL	SuOn International Academy	Etobicoke, ON
WANG	HAORAN	Columbia Int'l College	Hamilton, ON
WANG	RUICHEN	The Westside School	Vancouver, BC
WANG	WEIQING	London Int'l Academy	London, ON
XIONG	YING		Vancouver, BC
YANG	SHUKAN	Francis Libermann C.H.S.	Scarborough, ON
YI	JEONGSEOP	Waterloo C.I.	Waterloo, ON
YUN	CHEUKHO	Taie Int'l Institute	Toronto, ON
ZHANG	HAORAN	Royal Elite Int'l Academy	Niagara-on-the-Lake, ON
ZHANG	MIAOQI	SuOn International Academy	Etobicoke, ON
ZHANG	YUKAI	Iroquois Ridge H.S.	Oakville, ON
ZHANG	YUNHAO	Bodwell H.S.	North Vancouver, BC
ZHANG	ZHUANGYU	Langley Fundamental M. and S. Sch.	Langley, BC
ZHAO	JINGLUN	Georges Vanier S.S.	North York, ON
ZHAO	SIHUI	Columbia Int'l College	Hamilton, ON
ZHENG	YUECHEN		Vancouver, BC
ZHOU	WEILONG	Bloor C.I.	Toronto, ON